Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID	:	**CP-2018-02-07-09** **Date: 09-02-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Munnikondappa Layout in Bagalagunte ward No.14
Agency	:	Sri.Sree RamaReddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bangalore.
Customer's Reference	:	EE/DD/LOA/1658/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-02-18
Sample ID No	:	2018-02-07-09 /04
Sample Type	:	Sunvik
Reference to BIS codes	:	IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test:	:	08-02-18

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.395	529	648	22.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.617	549	652	21.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.887	559	672	21.0%	Satisfactory	Satisfactory

Note:

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF PRECAST COVER SLAB

Lab ID	:	**CP-2018-02-07-09** **Date: 12-02-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Munnikondappa Layout in Bagaalagunte ward No.14
Agency	:	Sri.Sree RamaReddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bangalore.
Customer's Reference	:	EE/DD/LOA/1658/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-02-18
Sample ID No	:	2018-02-07-09 /06
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	08/02/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.51	100.49	1.387	4477	89.7	20.0	18.6	23.3
2	Cover Slab-2	75.49	100.53	1.366	4475	84.6	18.9	17.6	22.0
3	Cover Slab-3	75.44	100.48	1.359	4469	87.3	19.5	18.2	22.7

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Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23344801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE KERB STONE

Lab ID	:	CP-2018-02-07-09 **Date: 12-02-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Munnikondappa Layout in Baghalagunte ward No.14
Agency	:	Sri.Sree RamaReddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bangalore.
Customer's Reference	:	EE/DD/LOA/1658/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-02-18
Sample ID No	:	2018-02-07-09 /04
Sample Type /Size	:	CC Kerb Stone/ 450*165*400mm
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	08/02/2018

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.49	165.02	2.915	7930	149.7	18.9	18.9	23.6
2	B	100.57	165.03	2.899	7942	151.2	19.0	19.0	23.8
3	C	100.78	165.01	2.905	7975	150.4	18.9	18.9	23.6

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e-mail : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2018-02-20-14
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Munnikondappa Layout in Bagalagunte ward No.14
Agency	:	Sri.Sree RamaReddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bangalore.
Customer's Reference	:	EE/DD/LOA/1658/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-18
Sample ID No	:	2018-02-20-14 /01
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date: 21/02/2018

Date of test : 21/02/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	14/02/2018	21/02/2018	149.66 X 150.42 X 150.78	22512	8.175	394.0	17.5	17.9
2	Drain Concrete	M20	14/02/2018	21/02/2018	150.69 X 149.63 X 151.24	22548	8.163	403.6	17.9	
3	Drain Concrete	M20	14/02/2018	21/02/2018	150.47 X 150.98 X 150.44	22718	8.155	413.5	18.2	

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Authorized Signatory
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 14/03/2018

Lab ID	:	CP-2018-02-20-14
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains at Munnikondappa Layout in Bagalagunte ward No.14
Agency	:	Sri.Sree RamaReddy, #62, Behind Widia, Ashok Nagara, Nagasandra (P), Bangalore.
Customer's Reference	:	EE/DD/LOA/1658/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	20-02-18
Sample ID No	:	2018-02-20-14 /02
Customer ID	:	Drain Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	14/03/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Concrete	M20	14/02/2018	14/03/2018	151.36 X 150.44 X 149.68	22771	8.069	526.0	23.1	23.2
2	Drain Concrete	M20	14/02/2018	14/03/2018	151.58 X 150.00 X 149.87	22737	8.174	518.4	22.8	
3	Drain Concrete	M20	14/02/2018	14/03/2018	150.46 X 150.77 X 150.69	22685	8.201	537.6	23.7	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e: rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |